

**From:** Lora Werner/R3/USEPA/US  
**Sent:** 1/6/2012 10:38:06 PM  
**To:** Ann DiDonato  
**CC:**  
**Subject:** Re: Fw: Dimock Draft data summary -

Thanks and appreciate being kept in the loop. L  
Lora Siegmann Werner, ATSDR/CDC Region 3

**From:** Ann DiDonato  
**Sent:** 01/06/2012 09:50 PM EST  
**To:** Lora Werner  
**Subject:** Fw: Fw: Dimock Draft data summary -

We are calling Den tomorrow and will be in touch if needed. Hopefully you will have a quiet weekend.....

**From:** Richard Fetzer  
**Sent:** 01/06/2012 09:47 PM EST  
**To:** "Ann DiDonato" <didonato.ann@epa.gov>; Richard Rupert; Kelley Chase; FranciscoJ Cruz  
**Subject:** Fw: Fw: Dimock Draft data summary -

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Richard M. Fetzer  
Federal On-Scene Coordinator  
100 Gypsum Road  
Stroudsburg, PA. 18360  
(570) 402 7108

**From:** Dennis Carney  
**Sent:** 01/06/2012 09:45 PM EST  
**To:** "Ron Borsellino" <borsellino.ron@epa.gov>; "Rich Fetzer" <fetzer.richard@epa.gov>  
**Subject:** Fw: Fw: Dimock Draft data summary -  
Here's Dawn's analysis... In summary at 4 homes there are clear risks, one presents some risks (dietary for sodium) and the other 3 do not present a risk based on the limited data available.

**From:** Dawn Ioven  
**Sent:** 01/06/2012 09:29 PM EST  
**To:** Dennis Carney  
**Cc:** "Paul Leonard" <leonard.paul@epa.gov>; Eric Johnson; Lora Werner  
**Subject:** Re: Fw: Dimock Draft data summary -  
Hi, Dennis. I reviewed the data in the attachment. Here's my impression:  
Most of the wells contain contaminants that are likely associated with the drilling process; consequently, the implication of a release exists. In terms of potential risks to human health, I've summarized conclusions, as presented below, based on the data provided for each residence.

Resident 1 **Ex. 6 - Personal Privacy** Although manganese was detected at a level (96.5 ug/L) that exceeds its Secondary MCL (50 ug/L), this concentration would not be expected to pose a significant threat. The other contaminants also would not pose a significant risk.

Resident 2 **Ex. 6 - Personal Privacy** No contaminants at levels of concern.

Resident 3 **Ex. 6 - Personal Privacy** Sodium (110,000 ug/L) exceeds its Secondary MCL, which is based on aesthetics, as well as the safe level of intake for individuals on sodium-restricted diets. From a health perspective, the detected level of sodium could be a concern for hypertensive individuals. Manganese (76 ug/L) exceeds its Secondary MCL, but does not pose a threat.

Resident 4 **Ex. 6 - Personal Privacy** Similar to above (Resident 3), sodium was observed at this residence (82,900 ug/L) in excess of its Secondary MCL. Manganese (628 ug/L) also exceeded its Secondary MCL; exposure to this concentration would yield a Hazard Quotient of approximately 2.

Resident 5 **Ex. 6 - Personal Privacy** Manganese (212 ug/L) exceeded its Secondary MCL, but does not pose a

threat.

Resident 6 (Ex. 6 - Personal Privacy): DEHP (22 ug/L) exceeds its MCL (6 ug/L) and also its risk-based screening level (7.1 ug/L, set at an excess cancer risk of 1E-04). Long-term exposure to this level of DEHP would pose a cancer risk of approximately 3E-04; this would be considered an imminent and substantial threat. Additionally, sodium (131,000 ug/L) exceeds its Secondary MCL and could pose a threat to sodium-sensitive individuals. Note that (Ex. 6 - Personal Privacy) reside at this location.

Resident 7 (Ex. 6 - Personal Privacy) Manganese was detected at a level (1360 ug/L) that generates a Hazard Quotient of approximately 4. This represents an imminent and substantial threat. Note that (Ex. 6 - Personal Privacy) (including (Ex. 6 - Personal Privacy) reside at this location.

Resident 8 (Ex. 6 - Personal Privacy) Arsenic (37 ug/L) was observed at a concentration that would pose a long-term cancer risk of 8E-04. This represents an imminent and substantial threat. Additionally, the detected concentration of arsenic exceeds its MCL (10 ug/L). Note that (Ex. 6 - Personal Privacy) reside at this location.

That's it, Den. If you have any questions, please give me a call at home (Ex. 6 - Personal Privacy) Thanks.

Dawn

Dawn A. Ioven, toxicologist  
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(3HS41)  
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Fw: Dimock Draft data summary -

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Paul, as I mentioned Shawn would like a review of the data table attached by a tox and ATSDR to help clarify risk. Call with questions. 215-514-9310

Thanks, den.

Inactive hide details for Ron BorsellinoRon Borsellino

----- Original Message -----

From: Ron Borsellino

Sent: 01/06/2012 05:57 PM EST

To: Shawn Garvin

Cc: Dennis Carney; Kathy Hodgkiss; Cecil Rodrigues

Subject: Fw: Dimock Draft data summary -

# Ex. 5 - Deliberative

Let me know if you have any questions.

ron

Ron Borsellino

Director

Hazardous Site Cleanup Division

# Ex. 5 - Deliberative